

Title: NOVEL CARBONYL REDUCTASE, GENE  
THEREOF AND METHOD OF USING THE SAME

Inventor(s): Noriyuki KIZAKI et al.

Appl. No.: 10/088,920

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DRAWINGS

Fig 1.

1 GGTACCCGCCGCCCTCTATAAGCCAGCACCGGTCGAGGACGCGCCGCCCTTCGAGGAT 61  
61 CTCAGCCCACGTCCCGCCTCAGGACAACCAGAAGGAAGTGATCGCGGATCGGACGGATGA 121  
M R R M T  
121 CGCTGCCGAGTGGGAGTCCATCCCTGTGCTGGGCCAGGGCACCTGGGGCTGGGCTGAGG 181  
L P S G E S I P V L G Q G T W G W G E D  
181 ACCCGGGCCCGCGGCGACGAGGTGCGCGCGCTGCACGCGCGCCTCGAGCTGGGCATGA 241  
P G R R G D E V A A L H A G L E L G M T  
241 CGCTGGTCGACACCGCCGAGATGTACGCCGACGCGGCTGCGGAGGAGGTGGCTGCTGAAG 301  
L V D T A E M Y A D G G A E E V A G E A  
301 CATTGGCGGGTCCCGCGACGAGGCGTTCGTGGTCAGCAAGGTCATGCCGTCCCACGCCCT 361  
L A G R R D E A F V V S K V M P S H A S  
361 CCGGTTCCGGCAGGATCGCGGCCTGCGAACGCGAGCCTGAAACGCGCTGGGCACCGATCGGA 421  
R S G T I A A C E R S L K R L G T D R I  
421 TCGACCTCTACCTGCTGCACTGGCAGGCGAGGTACCGGCTGCAGGACACCGTCCGGCGCT 481  
D L Y L L H W Q G R Y P L Q D T V A A F  
481 TCCACCAGCTCGTCGAGGACGGGAAATCCGATACTGGGGCGTCAGCAACTTCGACCACC 541  
H Q L V E D G K I R Y W G V S N F D H R  
541 GGGCCCTCGCGAGCTGCAGGACGTGCCGGGCACCAGCGGCTGACCACGGATCAGGTGC 601  
A L A E L Q D V P G T S G L T T D Q V L  
601 TGTACAACCTGTCCGGGCGAGGACCGGAGTACGACCTGCTGCCGTGGTGGCGCGACACC 661  
Y N L S R R G P E Y D L L P W C A D H Q  
661 AGCTGCCGGTCATGGCGTACTCGCCGATCGAGCAGGGCCGATCCTTGACGACACGACGC 721  
L P V M A Y S P I E Q G R I L D D T T L  
721 TGAACGACGTCCGGGCGGTCACAGCGTCAGCCCCGCGGCGGCGCCCTTGCTGGGTGC 781  
N D V A A R H S V S P A A A A L A W V L  
781 TCGCGCGGACTCGCTCTGCACGATCCCCAAGGCGAGCAGCCGCGAGCAGTGGCGGACA 841  
R R D S L C T I P K A S S P Q H V R D N  
841 ACGCCACAGCACTGGACGTGGAGCTGACCCGCGAAGACCTGGATGCTCTGGACCGTGCCT 901  
A T A L D V E L T R E D L D A L D R A F  
901 TTCCGCCCCCGAGCGGACCGCGACCACTGGAAATGCTGTGACCCTGCCCCAGGGCGCAGC 961  
P P P S G P R P L E M L \*  
961 CCGGTCCGTCCGGGCGGTCCGGGCAGTCCGGGCAGCGCTCCGGTCAGCGCAAGTCTCCGA 1021  
1021 AGGACCTGCCTGTACCTCCTCCTGAACCTGTGCACGCCATCCATCGACTCCTTTCCTCG 1081  
1081 AGCCCTGTCCGGTTCGCGGTAGGCGCTGATCATCCGCTGGCAGGTCCCCAAGTGGCCTC 1141  
1141 GAGCCGGGGCCCTCTGCTTGTCCGTGAGCAACCGGTTCCGGCGTGCAGGGTTCGACGGGC 1201  
1201 GCAGTAGAGCGGGTCGCCCCTGCGGCGCGGTGGCCATGCAGGTCCTGCTGGACCCGGCG 1261  
1261 GTGGCAGCGGACCAACGCGTCGCGCGCTAACCGGACTGCGAGCGACCGGCGTTGTGGACG 1321  
1321 CAGACGACCTGGACACTGGGCCGTGCGGTGAGGAGGATCTCCAAAGTCGGCGGCGGGGT 1381  
1381 TCAGGCGATGTGAGGAAGGAACGGAGCTC 1410

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Fig 2.

